

Title (en)  
METHOD AND DEVICE FOR TARGET TRACKING, AND STORAGE MEDIUM

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR ZIELVERFOLGUNG UND SPEICHERMEDIUM

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE SUIVI DE CIBLE, ET SUPPORT D'INFORMATIONS

Publication  
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Application  
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Priority  
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Abstract (en)  
A method for multi-target multi-camera tracking includes: performing multi-target tracking on an image sequence captured by each of a plurality of cameras, to extract a tracklet for each target appearing in the image sequence; extracting a feature for each of the plurality of tracklets extracted; calculating a similarity between any two of the plurality of tracklets based on the extracted features, to establish a similarity matrix; performing clustering based on the similarity matrix so that tracklets potentially related to a target are aggregated in a set; sorting the tracklets in the set in a temporal order to generate a tracklet sequence; filtering the tracklets in the set based on at least one of a similarity, a time distance, and a space distance between the tracklets; and using the tracklets in the filtered set as tracking information for the corresponding target.

IPC 8 full level  
**G06T 7/292** (2017.01)

CPC (source: CN EP US)  
**G06T 7/246** (2017.01 - CN); **G06T 7/292** (2017.01 - EP); **G06T 7/73** (2017.01 - CN); **G06V 10/44** (2022.01 - CN); **G06V 10/761** (2022.01 - US); **G06V 10/762** (2022.01 - US); **G06V 10/764** (2022.01 - CN); **G06V 20/46** (2022.01 - US); **G06V 20/52** (2022.01 - US); **G06T 2207/10016** (2013.01 - CN); **G06T 2207/30232** (2013.01 - EP); **G06T 2207/30241** (2013.01 - CN EP)

Citation (applicant)  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

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